THE INVENTION CLAIMED IS:

1. A mounting assembly for a wafer-scrubber brush, comprising:

a first tube that is fixedly mounted and has a bore in which a cleaning liquid flows;

a second tube having a bore in which the first tube is inserted;

at least one bearing adapted to mount the second tube for rotational motion;

a housing in which the at least one bearing is fixedly mounted; and

a first shield mounted on the second tube and adapted to rotate with the second tube, the first shield defining a gap between the first shield and the housing, the gap being dimensioned so as to discourage flow of the cleaning liquid in the gap.

2. The mounting assembly of claim 1, further comprising an assembly block in which the housing is mounted; and a drainage opening formed in the assembly block, the drainage opening extending downwardly from a location adjacent the first shield.

3. The mounting assembly of claim 1, further comprising a second shield mounted on the second tube and adapted to rotate with the second tube, the second shield being located at an opposite side of the housing relative to the first shield, the second shield defining a second gap between the second shield and the housing, the second gap being dimensioned so as to discourage flow of the cleaning liquid in the second gap.

4. The mounting assembly of claim 1, wherein the gap defined between the first shield and the housing includes at least one angle portion defined between a corner of the first shield and a corner of the housing.

5. The mounting assembly of claim 1, wherein the at least one bearing includes a pair of bearings mounted in the housing in a spaced relationship relative to each other.

6. The mounting assembly of claim 1, further comprising an assembly block in which the housing is mounted; and a flexure mounting adapted to flexibly mount the housing to the assembly block.

7. The mounting assembly of claim 1, wherein the bore of the second tube and an outer surface of the first tube define therebetween a third gap that is dimensioned so as to discourage flow of cleaning liquid in the third gap.

8. The mounting assembly of claim 1, further comprising a mechanism attached to the second tube and adapted to mount a scrubber brush.

9. A mounting assembly for a wafer-scrubber brush, comprising:

a housing;

at least one bearing mounted in the housing;

a flow through shaft rotatably mounted on the at least one bearing, adapted to allow a liquid to flow through in the flow through shaft; and

a pair of shields mounted on the flow through shaft on opposite sides of the housing, each shield adapted to define

a gap with a respective side of the housing, the gaps being dimensioned so as to discourage flow of liquid in the gaps.

10. The mounting assembly of claim 9, wherein each of the gaps has at lease one angle portion.

11. The mounting assembly of claim 9, further comprising a mechanism attached to the flow through shaft and adapted to mount a scrubber brush.

12. A mounting assembly for a wafer-scrubber brush, comprising:

a flow through shaft adapted to have a cleaning liquid flowing therein;

a bearing adapted to mount the flow through shaft for rotation around a longitudinal axis of the flow through shaft;

a housing in which the bearing is mounted; and

a shield mounted on the flow through shaft for rotation therewith and adapted to define a gap relative to the housing, the gap being dimensioned so as to discourage flow of cleaning liquid in the gap.

13. The mounting assembly of claim 12, wherein the housing and the shield have respective corners defining therebetween at least one angle portion of the gap.

14. The mounting assembly of claim 12, further comprising a mechanism attached to the flow through shaft and adapted to mount a scrubber brush.

15. The mounting assembly of claim 4, wherein at least one angled portion has a right angle.

16. The mounting assembly of claim 10, wherein at least one angled portion has a right angle.

17. The mounting assembly of claim 13, wherein at least one angled portion has a right angle.